

**ABSTRACT****METHOD FOR LOST PACKET RECONSTRUCTION  
AND DEVICE FOR CARRYING**

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The invention concerns a method for securing a data packet stream involving the following steps: arranging the packets to be sent in a matrix of D rows and L columns; to each row and each column of the matrix, applying an error correction function, the result of which is a correction packet; then sending the resulting correction packets in addition to the data packets. The invention also concerns a method for reconstructing lost packets in a data packet stream involving the following steps: arranging the received packets in a matrix of D rows and L columns, taking their sequence number into account; to each row and each column of the matrix containing at least one lost packet, applying a function for reconstructing missing packets using the received packets and the correction packet corresponding to the row or to the column. The invention also concerns the devices implementing these methods.

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